

26 August 1968

TSSG/TPD Test Plan - Digitized Measuring Light Table (DIMLIT)

REFERENCE: Development Objectives for a Digital Control Console for Use with an On-Line Measuring System

1. Acceptance Testing

1.1. Acceptance testing will be performed immediately on receipt of DIMLIT to ascertain if the specifications in the referenced D.O. have been met.

1.2. A list of tests to be performed will be drawn up by T&E Branch/TPD with concurrence by DED. These tests will cover both light table and measuring system parameters. The document referenced does not specify the light table parameters, consequently goals for this section of tests will be in line with current purchase requirements for similar units.

2. Engineering and Performance Testing

2.1. Engineering and performance testing will be performed on the unit following acceptance testing. These tests will explore detailed machine functions and computer interaction characteristics. A large measure of effort will be directed toward establishing the accuracy and repeatability of the measuring system.

2.2. As a portion of these overall tests, human factors measurements as outline by DED personnel with contractor assistance will be explored.

3. Operational Suitability Tests

3.1. It is planned that the Technology Integration and Check-Out Facility (TICOF) will be used to conduct this testing. Support will be provided by DED with contractor assistance for this phase. Present scheduling indicates that this activity can begin on 1 January 1969, if testing specified in paragraphs 1 & 2 above are satisfactory.

Declass Review by NGA.

PREPARED BY:

APPROVED BY:

Chief, TEB/TPD

FROM		DATE	
NPIC / TSSG / TPD / TEF		26 Aug 68	
TO	INITIALS	DATE	REMARKS
DIRECTOR			1) Ch / TPD / 27 Aug 68
DEP/DIRECTOR			2) Ch / DEP
EXEC/DIRECTOR			
SPECIAL ASST			
ASST TO DIR			
ASST TO DEP/DIR			
CH/PPBS			3 File # 02058
DEP CH/PPBS			
EO/PPBS			
CH			
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